

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| S1    | 1     | (classifier or classifying) same (WLAN) same ((multi or multiple or dual) near (receiver or transceiver))             | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2008/01/10 20:38 |
| S2    | 118   | (WLAN or (wireless adj local adj area adj network)) same ((multi or multiple or dual) near (receiver or transceiver)) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2008/01/10 20:41 |
| S3    | 14417 | (confidence near level)   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/20 18:19 |
| S4    | 1     | (confidence near level) same wlan same (plurality near4 (receiver or transceiver))                                    | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/20 18:24 |
| S5    | 12    | (confidence near level) same (plurality near4 (receiver or transceiver))  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2008/01/10 20:37 |
| S6    | 367   | (wlan) same ((plurality or multi or multiple) near4 (receiver or transceiver))  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/23 11:38 |
| S7    | 28    | ((wlan) same ((plurality or multi or multiple) near4 (receiver or transceiver))).ab,ti.                               | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/20 18:29 |
| S8    | 367   | (wlan) same ((plurality or multi or multiple) near4 (receiver or transceiver))  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/23 11:38 |
| S9    | 122   | S8 and threshold  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/23 11:39 |
| S10   | 17    | S8 and (threshold near5 (rssi or (signal near strength)))   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/23 11:42 |
| S11   | 2     | S8 and (threshold near5 (rssi or (signal near strength))) and (ack or acknowledged\$4)                                | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR               | ON      | 2007/07/23 11:43 |

## EAST Search History

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|-----|-------|--|--|----|-----|------------------|
| S12 | 73    | S8 and (ack or acknowledged\$4)  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON  | 2007/07/23 11:43 |
| S13 | 1     | ((tri-band or (tri adj band)) or (multi-band or (multi adj band)) near receiver) same ("802.11a" same "802.11b" same "802.11g"). | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 12:30 |
| S14 | 10354 | energy adj detect\$4   | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 12:31 |
| S15 | 53    | (energy adj detect\$4) near5 frame   | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 14:21 |
| S16 | 6721  | 370/338  | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 14:22 |
| S17 | 660   | 455/454  | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 14:22 |
| S18 | 1523  | 455/101  | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 14:22 |
| S19 | 8773  | S16 or S17 or S18  | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 14:22 |
| S20 | 1     | ((tri-band or (tri adj band)) or (multi-band or (multi adj band)) near receiver) same ("802.11a" same "802.11b" same "802.11g")  | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 14:22 |
| S21 | 0     | S19 and S20  | US-PGPUB;<br>USPAT                     | OR | OFF | 2007/07/23 14:22 |
| S22 | 352   | (confidence near level) same ((receiver or transceiver))   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON  | 2008/01/10 20:37 |
| S23 | 65121 | (classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)                   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON  | 2008/01/14 16:41 |
| S24 | 125   | S22 and S23  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON  | 2008/01/10 20:55 |
| S25 | 36162 | (WLAN or (wireless adj local adj area adj network)) or (wireless adj lan)  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON  | 2008/01/10 20:41 |
| S26 | 11    | S24 and S25  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON  | 2008/01/10 20:41 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S27 | 5      | S24 and ("pre-processing" or (pre adj2 processing))  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 20:59 |
| S28 | 9      | S22 and ("pre-processing" or (pre adj2 processing))  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 20:58 |
| S29 | 4      | S28 not S27  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 20:58 |
| S30 | 5      | S24 and ("pre-processing" or (pre adj2 processing) or (test\$4 near initial))  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:06 |
| S31 | 4462   | (receiv\$4 or transceiv\$4) near10 ("pre-processing" or "pre-process" or (pre near process\$4) or (test near (initial or pre)))                              | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:07 |
| S32 | 8      | (receiv\$4 or transceiv\$4) near10 ("pre-processing" or "pre-process" or (pre near process\$4) or (test near (initial or pre))) same (confidence near level) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:08 |
| S33 | 391    | S23 and S31  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:12 |
| S34 | 50     | S23 and S31 and OFDM   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:23 |
| S35 | 5      | S23 and S31 and OFDM and DSSS  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:12 |
| S36 | 11     | S23 and S31 and (dsss or "dsss/cck")   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:26 |
| S37 | 335    | S33 not S34 not S35 not S36  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:27 |
| S38 | 135434 | "370"/\$   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:27 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S39 | 77     | S37 and S38   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:28 |
| S40 | 129904 | "455"/\$  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:28 |
| S41 | 89     | S37 and S40   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:44 |
| S42 | 35     | S39 and S40   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:28 |
| S43 | 54     | S41 not S42   | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/10 21:44 |
| S44 | 50074  | ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing")  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/14 16:44 |
| S45 | 71     | ((classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)) same ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing")                  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/14 16:59 |
| S46 | 1      | ((classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)) same ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing") same ("802.11g") | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/14 16:47 |
| S47 | 0      | ((classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)) same ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing") same ("802.11")  | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/14 16:46 |

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|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S48 | 32 | ((classifier or classifying or select\$4<br>or classif\$4 or sort\$4 or choos\$4)<br>near12 (receiver or transceiver))<br>same ("802.11b" and "802.11g")) | US-PGPUB;<br>USPAT;<br>EPO;<br>IBM_TDB | OR | ON | 2008/01/14 17:00 |
|-----|----|---|--|----|----|------------------|